

Summary of the Criteria Used for the 2010 MCSAP Leadership Awards

Overview: The 2010 MCSAP Leadership Awards recognize the extraordinary efforts of our MCSAP State partners during the past year to improve the quality and productivity of their commercial motor vehicle safety enforcement programs. This year we are presenting awards to our State partners in four separate categories:

- Data Quality during fiscal year 2009,
- Traffic Enforcement during fiscal year 2009,
- Commercial Motor Vehicle Fatality Rate for calendar years 2006-2008, and
- Compliance Reviews during fiscal year 2009.

In addition to these awards, we are recognizing our MCSAP State partners that have improved the most since 2008.

Measure 1: The **Data Quality** award is presented to the State with the greatest overall data quality performance in fiscal year 2009. It is calculated as the average of seven data quality performance measures: timeliness of inspection and crash reporting; accuracy of inspection and crash reporting; fatal and non-fatal crash completeness; and crash record completeness. Each measure is scored on a 1 to 100 scale. A State rated “poor” on any of the performance measures is not eligible for the overall data quality award.¹

Measure 2: Data Quality Improvement recognition is provided to the State showing the greatest improvement in overall data quality performance from fiscal year 2008 to fiscal year 2009. It is calculated by comparing the year-to-year change in scores on each of the data quality performance measures listed above. The resulting net score across the seven categories represents an improvement in data quality performance from one fiscal year to the next. A State rated “poor” on any of the performance measures is not eligible for the overall data quality award.¹

Measure 3: The **Traffic Enforcement** award is presented to the State with the highest level of commercial vehicle traffic enforcement activity relative to overall roadside inspection activity. It is calculated as the ratio of documented traffic enforcement citations to roadside inspections in fiscal year 2009. States with the highest commercial traffic enforcement rate are presumed to have a greater proportion of their roadside inspections conducted in conjunction with traffic enforcement stops.

Measure 4: Traffic Enforcement Improvement recognition is provided to the State showing the greatest improvement in commercial vehicle traffic enforcement activity from fiscal year 2008 to fiscal year 2009. It is calculated by comparing the year-to-year change in commercial traffic enforcement scores to calculate the net improvement between the two fiscal years.

¹For the definition of a “poor” rating please refer to:

Methodology for State Safety Data Quality (SSDQ) on Analysis and Information (A&I) Online at <http://ai.fmcsa.dot.gov/DataQuality/DataQuality.asp?redirect=methodology.asp#cc>.

Measure 5: The **Commercial Motor Vehicle Fatality Rate** award is presented to the State with the lowest average annual commercial vehicle fatality rate for calendar years 2006 through 2008. It is calculated by dividing the number of commercial motor vehicle fatalities in each State by the total vehicle miles traveled in the State. Rankings are based on 3-year averages for calendar years 2006, 2007 and 2008.

Measure 6: Commercial Motor Vehicle Fatality Rate Improvement recognition is provided to the State showing the greatest improvement in reducing the commercial vehicle fatality rate from calendar years 2003-2005 to calendar years 2006-2008. It is calculated by comparing the change in commercial motor vehicle fatality rates between the 3-year periods January 2003 to December 2005 versus January 2006 to December 2008.

Measure 7: The **Compliance Reviews** award is presented to the State with the most comprehensive and effective compliance review (CR) program for intrastate and interstate motor carriers in fiscal year 2009. It is calculated by combining three component scores for state-performed CRs using data collected in fiscal year 2009. The first component is a ratio of CRs (compliance reviews, combined compliance review and security contact reviews, and combined compliance review and cargo tank facility reviews) performed by State enforcement personnel on both intra- and interstate motor carriers to the total Basic MCSAP funding received. The second component is the proportion of acute/critical violations found per CR. The third component is calculated as the difference in violation rate one year prior to the review versus the violation rate one year after the review, to measure the improvement of on-road safety performance (violation rate) of the reviewed carriers. The ranks of these three components are averaged to compute the overall score.

Measure 8: Compliance Reviews Improvement recognition is provided to the State showing the greatest improvement in the number and effectiveness of compliance reviews of intrastate and interstate motor carriers from fiscal year 2008 to fiscal year 2009. It is calculated by comparing the change in the compliance reviews award component score from fiscal year 2008 to fiscal year 2009 for state-performed CRs.

A Note on Small, Medium, and Large State Categories for Awards: Award and recognition are provided to the best performing States on each measure from each of three size groups based on fiscal year 2009 MCSAP Basic funding levels. Small States are those that received up to \$1.5 million, medium States received between \$1.5 million and \$3 million, and large States received more than \$3 million in MCSAP Basic funding in fiscal year 2009.

If you have any questions, please contact:

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